

ABSTRACT

An order optimization system and method is disclosed. According to the system and method, a device, such as a personal digital assistant or personal computer is in communication with an establishment computer. The system includes software and
5 hardware capable of placing, transmitting, and receiving an order, tracking the location of the device, determining and predicting the availability of limiting resources, optimally assigning resources to the order, determining whether a triggering condition is satisfied, commanding the preparation of the order, commanding notification messages, tracking limiting resource usage, tracking implements used to prepare the order, and displaying
10 order fulfillment status.